

Sheet 1 of 2

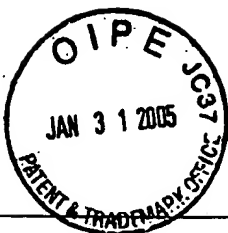
SUBSTITUTE FORM PTO-1449 (MODIFIED)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)  (37 C.F.R. § 1.98(b))	Attorney Docket No.	50195/008003
	Serial No.	09/988,115
	Applicant	James M. Robl et al.
	Filing Date	November 16, 2001
	Group	1632
	IDS Filed	January 28, 2005
Customer No.	21559	

U.S. PATENT DOCUMENTS						
Examiner's Initials	Document Number	Publication Date	Patentee or Applicant	Class	Subclass	Filing Date (If Appropriate)

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
	WO 99/60108	11/25/1999	WIPO			

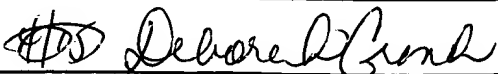
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)	
<i>de</i>	Echelard et al., Cloned cattle engineered to carry an artificial chromosome encoding human immunoglobulin genes are a significant leap toward the production of safer and more potent therapeutic antibodies, <i>Nat. Biotechnol.</i> 20:881-882, 2002.
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	Joziasse et al., Xenotransplantation: the importance of the Gal $\alpha$ 1,3Gal epitope in hyperacute vascular rejection, <i>Biochim. et BioPhys.</i> 1455:403-418, 1999.
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	Lonberg et al., Human antibodies from transgenic mice, <i>Intern. Rev. Immun.</i> 13:65-93, 1995.
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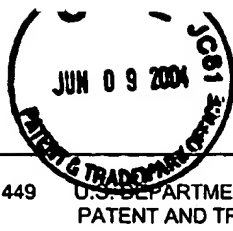
EXAMINER	<i>Deborah Cronin</i>	DATE <i>4/15/05</i> CONSIDERED
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.		

Sheet 2 of 2

<b>SUBSTITUTE FORM PTO-1449</b> (MODIFIED)  <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> (Use several sheets if necessary)  (37 C.F.R. § 1.98(b))	<b>Attorney Docket No.</b>	50195/008003
	<b>Serial No.</b>	09/988,115
	<b>Applicant</b>	James M. Robl et al.
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	<b>IDS Filed</b>	January 28, 2005
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	Raeber et al., Ectopic expression of prion protein (PrP) in T lymphocytes or hepatocytes of PrP knockout mice is insufficient to sustain prion replication, <i>Proc. Natl. Acad. Sci.</i> 96:3987-3992, 1999.
	Sandrin et al., Recent advances in xenotransplantation, <i>Curr. Opin. in Immun.</i> 11:527-531, 1999.
	Stiehm et al., Appropriate therapeutic use of immunoglobulin, <i>Trans. Med. Rev.</i> X:203-221, 1996.
	Tomizuka et al., Functional expression and germline transmission of a human chromosome fragment in chimaeric mice, <i>Nat. Genet.</i> 16:133-143, 1997.

<b>EXAMINER</b> 	<b>DATE</b> <u>1/15/05</u> <b>CONSIDERED</b>
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(37 C.F.R. § 1.98(b))

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## U.S. PATENTS

Examiner/Initials	Patent No. or Patent Publication No.	Issue Date or Publication Date	Patentee or Applicant	Class	Subclass	Filing Date (If Appropriate)
86	4,797,356	01/10/89	Brandt et al.	435	7	12/02/85
	4,847,081	07/11/89	Rice	424	186.1	03/30/87
	4,873,316	10/10/89	Meade et al.	530	412	06/23/87
	4,959,317	09/25/90	Sauer	435	172.3	04/29/87
	4,994,384	02/19/91	Prather et al.	435	172.3	10/27/87
	5,021,244	06/04/91	Spaulding	424	561	05/12/89
	5,057,420	10/15/91	Massey	435	172.2	10/16/90
	5,096,822	03/17/92	Rosenkrans, Jr. et al.	435	388	07/26/90
	5,160,312	11/03/92	Voelkel	600	34	02/06/91
	5,175,384	12/29/92	Krimpenfort et al.	800	2	12/05/88
	5,213,979	05/25/93	First et al.	435	240.2	12/30/87
	5,320,952	06/14/94	Deutch et al.	435	69.1	06/02/93
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	5,434,066	07/18/95	Bebbee et al.	435	172.3	03/15/94
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	5,453,366	09/26/95	Sims et al.	435	172.3	03/15/93
	5,464,764	11/07/95	Capecchi et al.	435	6	02/04/93
	5,470,560	11/28/95	Martin, Jr.	424	9.2	02/04/94
	5,482,856	01/09/96	Fell, Jr. et al.	435	320.1	04/12/93
	5,487,992	01/30/96	Capecchi et al.	435	172.3	06/28/93
86	5,496,720	03/05/96	Susko-Parrish et al.	435	240.2	02/10/93

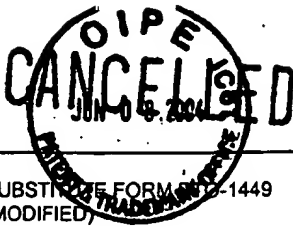
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## U.S. PATENTS

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<i>de</i>	5,527,674	06/18/96	Guerra et al.	435	6	05/02/94
	5,545,806	08/13/96	Lonberg et al.	800	2	12/16/92
	5,545,807	08/13/96	Surani et al.	800	2	08/05/94
	5,565,350	10/15/96	Kmiec	435	172.3	12/09/94
	5,565,362	10/15/96	Rosen	435	320.1	01/24/94
	5,569,825	10/29/96	Lonberg et al.	800	2	12/17/91
	5,583,016	12/10/96	Villeponteau et al.	435	91.3	10/27/94
	5,591,669	01/07/97	Krimpenfort et al.	800	2	05/30/95
	5,612,205	03/18/97	Kay et al.	435	172.3	08/28/91
	5,614,396	03/25/97	Bradley et al.	435	172.3	02/22/94
	5,618,686	04/08/97	Kojima et al.	435	26	03/04/94
	5,625,126	04/29/97	Lonberg et al.	800	2	12/07/94
	5,627,059	05/06/97	Capecchi et al.	800	21	06/05/95
	5,631,153	05/20/97	Capecchi et al.	435	172.3	06/05/95
	5,633,076	05/27/97	DeBoer et al.	435	172.3	11/16/93
	5,633,425	05/27/97	Lonberg et al.	800	2	02/05/92
	5,639,457	06/17/97	Brem et al.	424	184.1	11/15/94
	5,652,373	7/29/97	Reisner	800	11	5/17/93
	5,654,182	08/05/97	Wahl et al.	435	172.1	06/07/95
	5,660,997	08/26/97	Spaulding	435	7.21	06/07/94
	5,661,016	08/26/97	Lonberg et al.	435	172.3	04/26/93
<i>de</i>	5,677,177	10/14/97	Wahl et al.	435	325	06/07/95

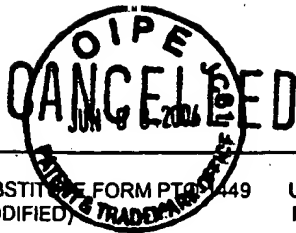
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dl	5,679,523	10/21/97	Li et al.	435	6	01/16/96
	5,695,977	12/09/97	Jurka	435	172.3	05/07/96
	5,698,763	12/16/97	Weissmann et al.	800	2	06/21/94
	5,721,367	02/24/98	Kay et al.	800	2	06/05/95
	5,733,730	03/31/98	De Lange	435	6	08/25/95
	5,741,957	04/21/98	Deboer et al.	800	2	06/05/95
	5,750,172	05/12/98	Meade et al.	426	580	06/05/95
	5,756,325	05/26/98	Kmiec	435	172.3	09/09/96
	5,763,240	06/09/98	Zarling et al.	435	172.3	07/14/94
	5,770,422	06/23/98	Collins	435	194	06/23/98
	5,770,429	06/23/98	Lonberg et al.	435	240.2	10/10/95
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	5,780,009	07/14/98	Karatzas et al.	424	9.1	01/20/95
	5,780,296	07/14/98	Holloman et al.	435	320.1	01/17/95
	5,789,215	08/04/98	Berns et al.	435	172.3	08/07/97
	5,789,650	08/04/98	Lonberg et al.	800	2	03/18/92
	5,789,655	08/04/98	Prusiner et al.	800	2	06/06/96
	5,801,030	09/01/98	McVey et al.	435	172.3	09/01/95
	5,814,318	09/29/98	Lonberg et al.	424	184.1	07/22/93
	5,821,117	10/13/98	Sandrin et al.	435	320.1	03/15/94
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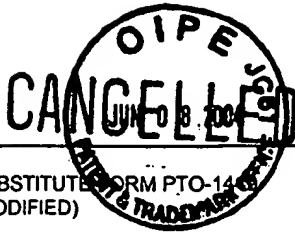
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## U.S. PATENTS

Examiner's Initials	Patent No. or Patent Publication No.	Issue Date or Publication Date	Patentee or Applicant	Class	Subclass	Filing Date (If Appropriate)
<i>dr</i>	5,830,698	11/03/98	Reff et al.	435	69.1	03/14/97
	5,837,857	11/17/98	Villeponteau et al.	536	24.31	06/5/96
	5,843,643	12/01/98	Ratner	435	6	02/22/94
	5,843,754	12/01/98	Susko-Parrish et al.	435	240	06/06/95
	5,849,991	12/15/98	d'Apice et al.	800	2	01/26/95
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	5,877,397	03/02/99	Lonberg et al.	800	2	09/19/94
	5,891,698	04/06/99	Prieto et al.	435	67.1	05/02/95
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	6,011,197	01/04/00	Strelchenko et al.	800	24	01/28/99
	6,023,010	02/08/00	Krimpenfort et al.	800	2	12/05/96
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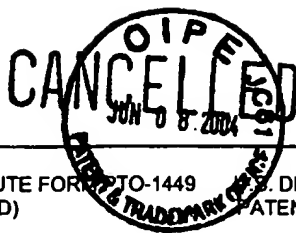
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<i>de</i>	6,166,288	12/26/00	Diamond et al.	800	17	07/03/96
	6,183,993	02/06/01	Boyce et al.	435	69.7	06/10/99
	6,194,202	02/27/01	Susko-Parish et al.	435	325	03/04/96
	6,204,061	03/20/01	Capecchi et al.	435	463	01/09/97
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	2002/0001842	01/03/02	Chapman	435	449	12/15/00
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<i>de</i>	2002/0108132	08/08/02	Rapp	800	6	06/08/01

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
<i>de</i>	EP 0546073	09/10/97	EPO			
	EP 0773288	05/14/97	EPO			No
	EP 0843961	05/27/98	EPO			
	EP 1106061	06/13/01	EPO			No
	WO 92/03918	03/19/92	WIPO			No
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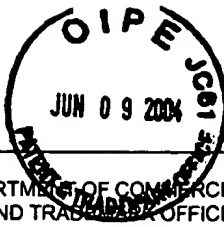
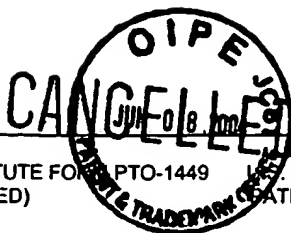
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<i>jl</i>	WO 95/33828	12/14/95	WIPO			No
	WO 96/33735	10/31/96	WIPO			No
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	WO 97/13852	04/17/97	WIPO			No
	WO 98/14593	04/09/98	WIPO			No
	WO 98/24884	06/11/98	WIPO			No
	WO 98/24893	06/11/98	WIPO			No
	WO 98/30683	07/16/98	WIPO			No
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	WO 99/21415	05/06/99	WIPO			No
	WO 00/42174	07/20/00	WIPO			No
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	WO 00/46251	08/10/00	WIPO			No
	WO 00/51424	09/08/00	WIPO			No
	WO 00/67568	11/16/00	WIPO			No
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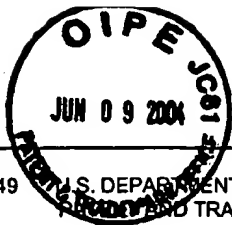
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Sheet 7 of 9

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de	WO 01/35735	05/25/01	WIPO			No
de	WO 01/73107	10/04/01	WIPO			No

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Serial No.	09/988,115
				Applicants	James M. Robl et al.
				Filing Date	November 16, 2001
				Group	1632
				IDS Filed	June 7, 2004
(37 C.F.R. § 1.98(b))				Customer No.	21559
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)					
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